

(19) Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) EP 0 753 854 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.01.1998 Bulletin 1998/04

(51) Int. Cl. 6: G11B 27/10, G11B 15/087,
G11B 19/12, G11B 27/031,
G11B 27/02, G06F 17/30

(43) Date of publication A2:
15.01.1997 Bulletin 1997/03

(21) Application number: 96110987.3

(22) Date of filing: 08.07.1996

(84) Designated Contracting States:
DE FR GB

- Nakamura, Hiroshi,
c/o Pioneer Electronic Corp.
Tokorozawa-shi, Saitama-ken (JP)
- Yoshio, Junichi,
c/o Pioneer Electronic Corp.
Tokorozawa-shi, Saitama-ken (JP)

(30) Priority: 10.07.1995 JP 173795/95

(74) Representative:
Viering, Jentschura & Partner
Postfach 22 14 43
80504 München (DE)

(71) Applicant:
PIONEER ELECTRONIC CORPORATION
Meguro-ku Tokyo-to (JP)

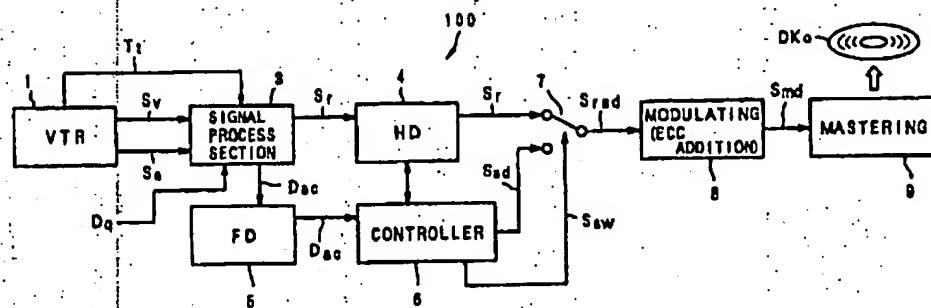
(72) Inventors:
• Tozaki, Akihiro,
c/o Pioneer Electronic Corp.
Tsurugashima-shi, Saitama-ken (JP)

(54) Information recording apparatus and Information reproducing apparatus

(57) A recording apparatus (100) for recording record information onto a record medium (DK₀) to be reproduced by a reproducing apparatus (200), is provided with: a process device (3) for dividing the record information into a plurality of partial record informations on the basis of material content information, which indicates a material content of the record information and is given from the external; a controller (6) for generating reproduction control information to control the reproduction

apparatus to reproduce the partial record informations in a predetermined order, which is set in advance or which is based on a condition given to the reproducing apparatus from the external at a time of reproduction; and a recording device (7, 8, 9) for recording the partial record informations and the reproduction control information onto the record medium.

FIG. 1



BEST AVAILABLE COPY

0 753 854 A3



EUROPEAN SEARCH REPORT

Application Number

EP 96 11 0987

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.CI 6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP 0 542 377 A (PHILIPS ELECTRONICS UK LTD) * the whole document *	1,2,4-9, 11-14	G11B27/10 G11B15/087 G11B19/12 G11B27/031 G11B27/02 G06F17/30
A	---	3,10	
A	EP 0 618 526 A (US WEST ADVANCED TECHNOLOGIES INC) * the whole document *	1-14	
TECHNICAL FIELDS SEARCHED (Int.CI 6)			
G11B G06F			
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		12 November 1997	Bernas, Y
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			